

Islands in the Stream Expedition

2001 Field Season

Dive Summary

Punta Herradura
5/21/2001
Mexico, Islands in the Stream

Overview of Dive A22-119 at Punta Herradura

Steve Gittings piloted this dive at the site known as Punta Herradura on 5/21/2001 starting at 16:39:00. Total dive time was 2:46:00 and the maximum depth reached was 450 feet. (All times EST)

Dive Objectives. Objectives accomplished during the dive include:

Fish Assessment	Primary
Transect(s)	Primary
Exploration/Recon	Secondary

Data Collected. Types of data collected during the dive include:

Data Sonde

Digital Video Tapes 1

Digital Video Tapes 1

Digital Video Tapes 1

Tracking

Living Marine Resources Abundance

few 2-10; many 11 - 100; abundant >100

Pelagic Fish	Few	Other Benthic Cirripathes, Elisella
Bottom Fish	Many	
Crustacean	Few	
Mollusk	Single	
Echinoderm	Many	

Observations and Comments on Living Marine Resources:

General Comments

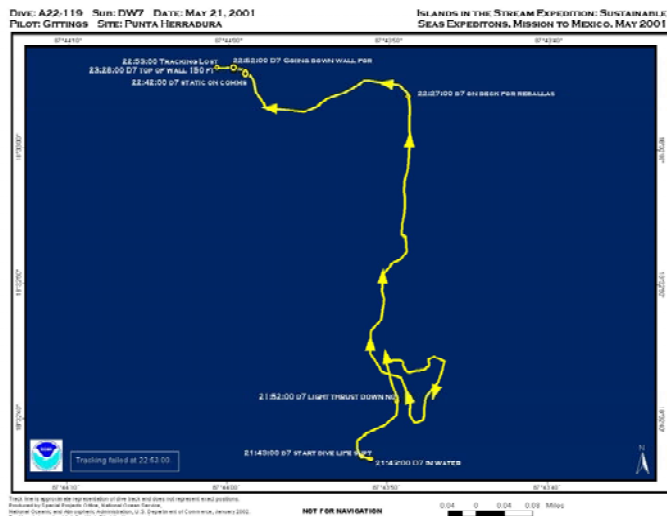
This wall seem ed, on first glance, to be a clone of the one I saw on my dive at Gladden Spit. The depths of the top and bottom were slightly different, but the characteristics were the same, including the cover and associated fish. The most significant difference was the presence of whale sharks at Gladden Spit.



Prepared by :
 National Oceanic and Atmospheric Administration
 5/21/2001

Dive Track Description

Punta Herradura wall begins at about 125 feet and drops to about 325, giving way to a steeply sloping, fairly consolidated hardbottom to at least 450 feet, covered with sand and rubble, but containing a comparatively well developed assemblages of sea whips, crinoids, and hydroids. An active sand waterfall, with a considerable sand deposit below it, was observed on the wall in the 300 foot range. It was actually two sequential falls, one above the other. Relief of features observed during the dive ranged from to 70 meters.



Observed Human Activities

None

Observed Human Impacts

None

Overall Dive Site Ratings

1 = low; 10 = high

Uniqueness	5
Health	7
Disturbance	1
Biodiversity	4

Observed Fish Abundance

few 2-10; many 11 - 100; abundant >100

Almaco Jack	Many
Black Grouper	Few
Blue Angelfish	Few
Other Angelfish	Few
Other Butterfly	Few
Other Grouper	Few
Other Small Bass	Few
Other Snapper	Few
Other Wrasses	Few
Queen Angelfish	Single
Reef Butterfly	Few
Spotfin Hogfish	Single
Tattler	Many